

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-6 (cancelled).

7. (New) An apparatus for protecting a vehicle occupant, comprising:

an arrangement configured to trigger restraint means as a function of a motion of the vehicle occupant, the arrangement configured to determine, using an occupant detection system and an impact sensor, a height of a center of mass of the vehicle occupant and a force action on the vehicle occupant, and thereby predicts the motion of the vehicle occupant.

8. (New) The apparatus as recited in claim 7, wherein the occupant detection system is configured to determine a seat position of the vehicle occupant, the arrangement taking the seat position into account in the prediction of the motion.

9. (New) The apparatus as recited claim 7, wherein the apparatus is connectable to a sensor system for sensing a belt pull-out length, the arrangement taking the belt pull-out length into account in the prediction of the motion.

10. (New) The apparatus as recited in claim 8, wherein the arrangement is configured to determine an upper-body size using the height of the center of mass and the seat position, and takes the upper-body size into account in the prediction of the motion.

11. (New) The apparatus as recited in claim 10, wherein the arrangement includes a memory that stores a relationship between a mass of the vehicle occupant and further anthropometric data.

12. (New) The apparatus as recited in claim 7, wherein the arrangement determines the forward displacement by using the impact sensor system, and determines a current seat position during the crash using an initial position.